C/ 93A SC 93A.5.3	P 340	L 26	# r04-5	C/ 131	SC 131.1.4	P	22	L1	# r04-3
Healey, Adam	Broadcom Ltd.			Nicholl, Gary		Cisc	Systems,	Inc.	
Comment Type T Co	mment Status X			Comment Ty	pe E	Comment Status	х		
It says that "n is an integer ra Based on Equation (93A-63), T_fx+1/fb+1/(M*fb) which is n effectively extends the time g intended.	this means the h(m=1)(n= nore than 1 UI later than 1	 =1) correspond Γ_fx. It seems to 	ls to time to me that this	both 50G change a	BASE-KR an s Clause 73 i.e. Clause 13	d 50GBASE-CR. I vie Auto-Negotiation is ca	w this as a lied out as	an editorial cha required in the	hich is mandatory for ange and not a technical e respective PMD 136, Table 136-1 for
SuggestedRemedy				SuggestedRe	emedy				
In 93A.5.3, change " from 1 M" to " from 0 to M-1" (line 2		" (line 26) and o	change " from 1 to			o Table 131-2 indica and 50GBASE-CR.	ng that Cla	ause 73 Auto-N	Negotiation is mandatory
Proposed Response Res	sponse Status O			Proposed Re	sponse	Response Status	0		
C/ 93A SC 93A.5.5	P 340	L 53	# r04-4	C/ 138	SC 138.7.1	P	70	L16	# r04-10
Healey, Adam	Broadcom Ltd.			Dawe, Piers	JG	Mella	nox Techn	ologies	
Since P ⁽⁻¹⁾ (DER0) is a numl limits applied in the various su				they wen	al power leve t wrong.		m D1.0 to		ECQ evolved. In D3.3,
Since P^(-1)(DER0) is a numl limits applied in the various su number (since it is a "loss"). SuggestedRemedy Insert a negative sign before log10 P^(-1)(DER0) where DE	ber less than 1, ERL as dubclauses (e.g., 136.9.3.4	k, 137.9.2.1) ass becomes: "ERI	sume it is a positive	The optic they wen Minimum OMA-TD TDECQ i LR and 1 changed 6.5 dB. TDECQ i king_3cd	al power leve t wrong. OMA at max ECQ was -5 s -5.9 and the .5 dB harder a few times, It looks like (was reduced _01_0518 ha	Is were consistent from TDECQ was -1 dBm Bm TBC, and the ur implied unstressed for the receiver than which I think explains DMA-TDECQ should following the introduct	m D1.0 to TBC in D1 stressed si ensitivity is 0GBASE- why the bunave been ion of adju	I.0, -1 in D3.2, ensitivity was - s about -7.3, e FR. The defin udget has gone increased to -{ stable decsisio	is now -1.4. In D1.0, 7 dBm. Now, OMA- quivalent to 50GBASE- ition of TDECQ has e up from 6 dB TBC to 5.5 when the apparent
Since P^(-1)(DER0) is a numl limits applied in the various su number (since it is a "loss"). SuggestedRemedy Insert a negative sign before log10 P^(-1)(DER0) where DE Proposed Response Res C/ 116 SC 116.1.4	ber less than 1, ERL as dubclauses (e.g., 136.9.3.4 "20" so that the sentence ER0 is the target detector sponse Status O P114	l, 137.9.2.1) ass becomes: "ERI error ratio." <i>L</i> 5	sume it is a positive	The optic they wen Minimum OMA-TD TDECQ i LR and 1 changed 6.5 dB. TDECQ king_3cd comment	al power leve t wrong. OMA at may ECQ was -5 s -5.9 and the .5 dB harder a few times, It looks like (was reduced _01_0518 ha : 25.	Is were consistent from TDECQ was -1 dBm Bm TBC, and the ur implied unstressed for the receiver than which I think explains DMA-TDECQ should following the introduct	m D1.0 to TBC in D1 stressed si ensitivity is 0GBASE- why the bunave been ion of adju	I.0, -1 in D3.2, ensitivity was - s about -7.3, e FR. The defin udget has gone increased to -{ stable decsisio	is now -1.4. In D1.0, -7 dBm. Now, OMA- quivalent to 50GBASE- ition of TDECQ has e up from 6 dB TBC to 5.5 when the apparent on thresholds.
Since P^(-1)(DER0) is a numl limits applied in the various su number (since it is a "loss"). SuggestedRemedy Insert a negative sign before log10 P^(-1)(DER0) where DE Proposed Response Res	ber less than 1, ERL as dubclauses (e.g., 136.9.3.4 "20" so that the sentence ER0 is the target detector sponse Status 0	l, 137.9.2.1) ass becomes: "ERI error ratio." <i>L</i> 5	sume it is a positive L is defined as -20 x	The optic they wen Minimum OMA-TD TDECQ i LR and 1 changed 6.5 dB. TDECQ king_3cd comment SuggestedRe	al power leve t wrong. OMA at max ECQ was -5 s -5.9 and the .5 dB harder a few times, It looks like (was reduced _01_0518 ha : 25. emedy	Is were consistent from TDECQ was -1 dBm dBm TBC, and the ur implied unstressed for the receiver than which I think explains DMA-TDECQ should following the introduce d proposed -5.7 dBm	m D1.0 to TBC in D1 stressed si consitivity is coGBASE- why the bu- nave been ion of adju See dawe	I.0, -1 in D3.2, ensitivity was - s about -7.3, e FR. The defin udget has gone increased to - stable decsisic a_3cd_02_0718	is now -1.4. In D1.0, -7 dBm. Now, OMA- quivalent to 50GBASE- ition of TDECQ has e up from 6 dB TBC to 5.5 when the apparent on thresholds.
Since P^(-1)(DER0) is a numl limits applied in the various su number (since it is a "loss"). SuggestedRemedy Insert a negative sign before log10 P^(-1)(DER0) where DE Proposed Response Res C/ 116 SC 116.1.4 Nicholl, Gary	ber less than 1, ERL as dubclauses (e.g., 136.9.3.4 "20" so that the sentence ER0 is the target detector sponse Status O P114 Cisco Systems, mment Status X umn for "Auto-Negotiatior 0GBASE-CR4. I view this 3 Auto-Negotiation is call	k, 137.9.2.1) ass becomes: "ERI error ratio." <i>L</i> 5 Inc. h, Clause 73" w as an editorial ed out as requi	sume it is a positive L is defined as -20 x # r04-2 which is mandatory for change and not a red in the respective	The optic they wen Minimum OMA-TD TDECQ i LR and 1 changed 6.5 dB. TDECQ v king_3cd comment SuggestedRe To restor the prese Increase (as in D1 6.5, SEC the -4 fro	al power leve t wrong. OMA at max ECQ was -5 of s -5.9 and the .5 dB harder a few times, It looks like 0 was reduced _01_0518 ha : 25. emedy e the intent of ont TDECQ w OMA-TDEC0 .0 and D3.2). Q - 7.9) to may	Is were consistent from TDECQ was -1 dBm dBm TBC, and the ur implied unstressed for the receiver than which I think explains DMA-TDECQ should ollowing the introduce d proposed -5.7 dBm 5 D1.0, which was ban inch goes from about 0 from -5.9 to -5.5 dB Increase the other r	m D1.0 to TBC in D1 stressed su- consitivity is 0GBASE- why the bu- nave been ion of adju See dawe ded on a TI 0.5 to 4.5 d m. Increas ceiver ser Tx min Of er at Tx fro	I.0, -1 in D3.2, ensitivity was - s about -7.3, e FR. The defin increased to -{ stable decsision 	is now -1.4. In D1.0, -7 dBm. Now, OMA- quivalent to 50GBASE- ition of TDECQ has e up from 6 dB TBC to 5.5 when the apparent on thresholds. 8 or successor. D3.3 wout 0 to 4 dB, to go with rom -3.4 back to -3 dBm on 138-1, from max(- n D3.3 to -4.1 (nearly 8 to -6 (back to the
Since P^(-1)(DER0) is a numl limits applied in the various su number (since it is a "loss"). SuggestedRemedy Insert a negative sign before log10 P^(-1)(DER0) where DE Proposed Response Res Cl 116 SC 116.1.4 Nicholl, Gary Comment Type E Co Table 116-2a is missing a col both 200GBASE-KR4 and 20 technical change as Clause 7 PMD clauses, i.e. Clause 137	ber less than 1, ERL as dubclauses (e.g., 136.9.3.4 "20" so that the sentence ER0 is the target detector sponse Status O P114 Cisco Systems, mment Status X umn for "Auto-Negotiatior 0GBASE-CR4. I view this 3 Auto-Negotiation is call	k, 137.9.2.1) ass becomes: "ERI error ratio." <i>L</i> 5 Inc. h, Clause 73" w as an editorial ed out as requi	sume it is a positive L is defined as -20 x # r04-2 which is mandatory for change and not a red in the respective	The optic they wen Minimum OMA-TD TDECQ i LR and 1 changed 6.5 dB. TDECQ v king_3cd comment SuggestedRe To restor the prese Increase (as in D1 6.5, SEC the -4 fro	al power leve t wrong. OMA at max ECQ was -5 s -5.9 and the .5 dB harder a few times, It looks like (was reduced _01_0518 ha c 25. emedy e the intent o ent TDECQ w OMA-TDEC(.0 and D3.2). Q - 7.9) to min m the baselir . Min average	Is were consistent from TDECQ was -1 dBm dBm TBC, and the ur is implied unstressed for the receiver than which I think explains DMA-TDECQ should following the introduce d proposed -5.7 dBm inch goes from about 0 from -5.9 to -5.5 dB Increase the other r ax(-6.1, SECQ - 7.5). e). Min average pow	m D1.0 to TBC in D1 stressed si consitivity is coGBASE- why the bu- nave been ion of adju See dawe ded on a TI 0.5 to 4.5 o m. Increase ceiver sen Tx min Of er at Tx fro c.4 in D3.3	I.0, -1 in D3.2, ensitivity was - s about -7.3, e FR. The defin increased to -{ stable decsision 	is now -1.4. In D1.0, -7 dBm. Now, OMA- quivalent to 50GBASE- ition of TDECQ has e up from 6 dB TBC to 5.5 when the apparent on thresholds. 8 or successor. D3.3 wout 0 to 4 dB, to go with rom -3.4 back to -3 dBm on 138-1, from max(- n D3.3 to -4.1 (nearly 8 to -6 (back to the
Since P^(-1)(DER0) is a numl limits applied in the various su number (since it is a "loss"). SuggestedRemedy Insert a negative sign before log10 P^(-1)(DER0) where DE Proposed Response Res Cl 116 SC 116.1.4 Nicholl, Gary Comment Type E Co Table 116-2a is missing a col both 200GBASE-KR4 and 20 technical change as Clause 7 PMD clauses, i.e. Clause 137 3 for 200GBASE-CR4.	ber less than 1, ERL as dubclauses (e.g., 136.9.3.4 "20" so that the sentence ER0 is the target detector sponse Status O P114 Cisco Systems, mment Status X umn for "Auto-Negotiation 0GBASE-CR4. I view this 3 Auto-Negotiation is call r, Table 137-3 for 200GBA	L 5 Inc. A, Clause 73" w as an editorial ed out as requi ASE-KR4 and C	sume it is a positive L is defined as -20 x # <u>r04-2</u> which is mandatory for change and not a red in the respective Clause 136, Table 136-	The optic they wen Minimum OMA-TD TDECQ i LR and 1 changed 6.5 dB. TDECQ k king_3cd comment SuggestedRe To restor the prese Increase (as in D1 6.5, SEC the -4 fro baseline)	al power leve t wrong. OMA at max ECQ was -5 s -5.9 and the .5 dB harder a few times, It looks like (was reduced _01_0518 ha c 25. emedy e the intent o ent TDECQ w OMA-TDEC(.0 and D3.2). Q - 7.9) to min m the baselir . Min average	Is were consistent from TDECQ was -1 dBm dBm TBC, and the ur is implied unstressed for the receiver than which I think explains DMA-TDECQ should ollowing the introduce d proposed -5.7 dBm TD1.0, which was ban inch goes from about 0 from -5.9 to -5.5 dB Increase the other r inx(-6.1, SECQ - 7.5). e). Min average pow e power at Rx from -	m D1.0 to TBC in D1 stressed si consitivity is coGBASE- why the bu- nave been ion of adju See dawe ded on a TI 0.5 to 4.5 o m. Increase ceiver sen Tx min Of er at Tx fro c.4 in D3.3	I.0, -1 in D3.2, ensitivity was - s about -7.3, e FR. The defin increased to -{ stable decsision 	is now -1.4. In D1.0, -7 dBm. Now, OMA- quivalent to 50GBASE- ition of TDECQ has e up from 6 dB TBC to 5.5 when the apparent on thresholds. 8 or successor. D3.3 wout 0 to 4 dB, to go with rom -3.4 back to -3 dBm on 138-1, from max(- n D3.3 to -4.1 (nearly 8 to -6 (back to the

C/ 138 SC 138.7.1

C/ 138 SC 138.7.1 Dawe, Piers J G		L 22	# r04-12	C/ 138 Dawe Pier	SC 13	88.7.2	P 271 Mellanox Tec	L17	# r04-11
Comment Type TR TDECQ limit of 4.5 d that can do 100GBAS should do better. kin king_3cd_03_0518 s to 3.1 dB, the lower e king_3cd_02a_0718 transmitters. dawe_3 The high limit in the o settings) than needed modal noise. D.30 cm SuggestedRemedy	Mellanox Tech Comment Status X B (on top of the 4.8 dB PAM4 pe SE-SR4 (PAM2, almost the sam g_3cd_02_0118 showed 1 to 2.4 hows better than 3.7 dB. chang_ and with threshold adjust, althoug slide 12 showed a multi-peaked cd_01b_0518 slide 8 showed or fraft requires a better equalizer (d for the SMF PMDs, and we ne formment 119, D3.1 comment 70, a and max TDECQ-10log10(Cecon n step. Response Status O	enalty), is extreme e signalling rate b 5 dB with represe 011018_3cd_01_ gh much of this w distribution includ he at 4 dB and a f (e.g. more precise ed some more ro D3.2 comment 4	out no equalizer) ntative drive, and _adhoc-v2 showed 2.1 as with PRBS15. ding some "failing" ew significantly better. e tap and threshold om in the budget for 0, D3.3 comment 27.	before for any additio for bott SR4 (r this tim transm D3.1 c moder. 100GE 10log1 <i>Suggested</i> Reduc Increas and inc dB to 0 Adjust The SE 4.5, so below 3.4 to - should The bu	Type after the r modal ne v other op nal penal h mode p max TDE ne. The e nitter (D.3 comment ate penal 3ASE-SR 0(Ceq) h <i>Remedy</i> we max TE se TDEC crease th 0.4 dB; ar the defin ECQ in S 0 no chan (receiver -3.3 (but s)	e ecent impro- bise, at 4.5 tical Etherr ty, magnifie artition nois C 4.3 dB < affect of mo 0 comment 71, D3.2 co 0 ty after equ 4 takes this elps, but m DECQ and the e allocation d/or tition of TDE RS should ge), and the should not see another cted). e stays the		r spec, the penal AM4 penalty = 9 ints of modal noi ct". There is only h is about the sa D3.2 comment 4 tt 26) is higher th ization as in 100 unt inside TDEC ed. and modal noise se noises into ac TDECQ and the e lowest OMA th rating range): ch	.3 dB, is far higher thar se will cause an / 0.1 dB in the budget me as in 100GBASE- es are much smaller very high TDECQ 0, D3.0 comment 116, ian with a more GBASE-SR4. Limiting TDECQ- 0 4.2 dB, in the budget from 0.1 count. se other penalties (still at can be received, not ange SRS OMA from -
				Proposed I C/ 138 Calvin, Joh	SC 13	∍ F 88.7.5.1	Response Status O P 297 Vital Technica	L 42 al Marketi	# [<u>r04-20</u>
				Comment	Туре	E	Comment Status X		
				the fou	urth-order	Bessel-The	would benefit greatly with omson response " -or- "tr / interpreted as supporting	acking the filter r	esponse" text. The

was not the authors intent.

..fourth-order Bessel-Thomson filter with a bandwidth of approximately 13.28125 GHz tracking the filter response to at least 1.5 * 26.5625 GHz and at frequencies above 1.5 *

Response Status 0

SuggestedRemedy

26.5625 GHz.. Proposed Response

 TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
 C/ 138
 Page 2 of 5

 COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
 SC 138.7.5.1
 8/31/2018 1:49:02 PM

 SORT ORDER: Clause, Subclause, page, line
 SC 138.7.5.1
 8/31/2018 1:49:02 PM

C/ 138 SC 138.8.	-	L 50	# r04-1	C/ 138	SC 138.8.5.1		²⁷⁴	L 2	# r04-14
Anslow, Peter	Ciena Corpo	oration		Dawe, Pie	ers J G	Me	llanox Te	chnologies	
Comment Type TR	Comment Status X			Comment	Type TR	Comment Stat	us X		
	ainst D3.3 made changes to the				•		ors are m	uch more expens	sive than post-cursors
	ed for TDECQ, SECQ, and tran Part of the resulting changes m				3cd_042518_adh comment 73. D3.		8. 53. D3	.3 comment 32.	A direct-mod transmitter
140.7.7 was to dele	te the sentence: "Compensatior			is not	naturally biased	to postcursor, nor i	s the refer	ence filter the tra	nsmitter is assessed
	essel-Thomson response." ge seems to have been an unfo	rtunate conseque	nce of the editing rather			the response to co oge transmitted sign			r MMF. We should not
	a deliberate decision to remove			receiv					
	eal fourth-order Bessel-Thomso		a the requirements for	Suggested	dRemedy				
	8.8.10, and 140.7.5 now include lency response, the text allowin		•	Contir	nue the improven	nent made in king_	3cd_03_0	118: change "Tap	o 1, tap 2, or tap 3, has"
included here also.		0			p 1 or tap 2 has"		aawaa tha	different TDCCO	limit dispersion and
SuggestedRemedy						nere could lead to a			limit, dispersion and
Add the sentence:				Proposed	Response	Response Stat	ıs O		
"Compensation may response."	y be made for any deviation fror	n an ideal fourth-	order Bessel-Thomson						
	rd exception in 138.8.5			01.400	00 400 0 F 4		2070	1.00	# 01.10
	cond paragraph of 138.8.7 ntence of the first exception in 1	38.8.10		<i>Cl</i> 138 Dawe, Pie	SC 138.8.5.1		276	L 29 chnologies	# r04-13
at the end of the see	cond paragraph of 139.7.5.1			,				chilologies	
	cond paragraph of 139.7.7 Irth exception in 140.7.5			Comment	51	Comment Stat			
	cond paragraph of 140.7.7								ommon equalizer IC
Proposed Response	Response Status O						,	,	ead across to the other
						e, but recognise that the receiver has to			
				magni	itude tap coefficie	ent (0.8 for a fast cl	nannel) sh	ould be set consi	stently (as from the
									sed 0.87. The survey
						1.1). So we could ti			to the right of +0.5 dB oposal, but this is
									signal transmittar Soo

(or tap strength about 1.1). So we could tighten up more than this proposal, but this is consistent with the SMF specs and still allows a strongly over-emphasised transmitter. See presentation.

presentation. D3.3 comment 31.

SuggestedRemedy

In "the largest magnitude tap coefficient, which is constrained to be at least 0.8", change 0.8 to 0.85. The SMF clauses can stay with 0.8.

Proposed Response Response Status **0**

C/ 138 SC 138.8.5.1

C/ 138 SC 138.8.7	P 274	L 33	# r04-15	C/ 139	SC 1	139.7.5.4		P 299	L 5	# r04-16
Dawe, Piers J G	Mellanox Techn	ologies		Dawe, Pie	's J G		Me	ellanox Tech	nologies	
Comment Type T	Comment Status X			Comment	Туре	TR	Comment Stat	tus X		
 Transition time measure intended by D3.2 comment measurement for SRS. As this spec is there to channel. This should be th silicon. At the limit, the tran bandwidth: switching betwee 	easurement that requires th ement should be a free by-p t 54. It should also be a free protect the receiver, what m re same (34 ps) for SMF an- nsition time is dominated by een 13.28125 and 11.2 GHz	product of a TD e by-product of natters is the sig d MMF to allow the signal not	ECQ measurement, as a SECQ calibration gnal after the slowest common equalizer the observation	(sun_3 their a third ta compl The m 50GB/ rate gi	acd_042 ssociate ant sign aximum ASE-LR ves 7.2	2518_adho ed TDECC ever signif nals (but n n chromati . Compar ps/nm, tw	bc). Investigation Q FFE settings inc icantly better than not yet including cl ic dispersion is 3.3 re 10GBASE-LR v vice as much as 5	of possible r dicates that 2 n 1 pre, 3 pos hromatic disp 2 ps/nm for 5 which is allov 0GBASE-FR	minimally com 2 pre, 2 post (r st (making it th bersion). See 50GBASE-FR wed 48 ps/nm 8. 10GBASE-	nsive than post-cursors apliant SMF signals and making the cursor the ne second tap), for dawe_3cd_01a_0318. and 16 ps/nm for . Scaling for signalling LR doesn't have a dicates that it is likely
bandwidth of approximately above 1.5 x 26.5625 GHz t	frequency response of a fou y 13.28125 GHz to at least of the response should not exc en for TDECQ in 138.8.5 for	1.5 x 26.5625 0 ceed -24 dB" to	GHz and at frequencies "with a combined	that 50 Improv	GBASE ving the and op	E-FR does	sn't need a second search rules will a	d precursor, o void inefficie	even with a d ency both in p	irect mod transmitter. roduct receiver design, 3.2 comment 53, D3.3
	ver conformance test signal			Suggested	Remedy	У				
In Table 138-8, Transmit cl or, if allowing slower receiv	the same slowest signal as haracteristics, change 34 to ved signals in MMF than SM ver sensitivity, change "the t	32. IF can be justifi		"Tap 1 at leas	, tap 2, (t 0.8" to	or tap 3, ł For 50G	has the largest ma BASE-FR, tap 1	agnitude tap or tap 2, has	coefficient, which the largest m	r 100GBASE-DR: change hich is constrained to be lagnitude tap coefficient, ude tap coefficient. This

value specified in Table 138-8" to "the transition time is no greater 36 ps" (this limit could be put in Table 138-9, Receive characteristics).

Proposed Response	Response Status	0	

C/ 138 SC 138.8.7 Calvin. John

L34

Vital Technical Marketi

r04-19

Comment Type E Comment Status X

The bandwidth statement would benefit greatly with the addition of a clarification "tracking the fourth-order Bessel-Thomson response " -or- "tracking the filter response" text. The current text can be wrongly interpreted as supporting a range of bandwidth targets which was not the authors intent.

P274

SuggestedRemedy

.. fourth-order Bessel-Thomson filter with a bandwidth of approximately 13.28125 GHz tracking the filter response to at least 1.5 * 26.5625 GHz and at frequencies above 1.5 * 26.5625 GHz..

Proposed Response Response Status 0

coefficient is constrained to be at least 0.8". There is a separate comment for MMF because the different TDECQ limit, dispersion and TDECQ test method there could lead to a different conclusion.

Proposed Response Response Status **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Clause, Subclause, page, line

C/ 139 SC 139.7.5.4

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C/ 139 SC 139.7.7	P 299	L 34	# r04-17	C/ 140	SC 140	.7.5	P 322	L19	# r04-6
awe, Piers J G	Mellanox Tec	nnologies		Propstra, k	Kees				
test fiber. 1. The transmitter is spec is there to prote 2. For consistency al as intended by D3.2 waveforms as for TE Production testing ca want to: the slowest dispersion than fast a uggestedRemedy Change "The transme each lane as observed	n learn the correlation with / wit signals that might fail this spec a signals, so that should work. itter transition time of each lane ad in a TDECQ measurement (s	ts and the "trans). e by-product of a re transition time hout dispersion a are less likely to t " to "The transmi ree 139.7.5)". In	mitter transition time" TDECQ measurement on the same pair of and read across if they be strongly affected by tter transition time of the second paragraph,	GBaud suggested The co Thoms 53.125 Besse Note:	ata suggest J PAM4 sig stion to brin <i>Remedy</i> pombination son filter res G GHz. Corr I-Thomson applicable	nal with ng back of the O sponse npensati respons	Comment Status X ou can achieve a TDECQ a a capture bandwidth of 36. the compensation I sugges /E converter and the oscillo with a bandwidth of approxi on may be made for any de se. DOG per wavelength standa <i>Response Status</i> O	5 GHz. Based of t the following te oscope has a for mately 26.5625 aviation from an	on this and the ext: urth-order Bessel- GHz to at least 0.68 *
transition time meas	through an optical" Consider irement, the polarization rotator averaging may be used.			<i>Cl</i> 140 Palkert, Th			P 322 Molex Incorpo	L 32 prated	# r04-18
Proposed Response	Response Status O				ations show	that 2 p	Comment Status X pre-cursor taps are required c back to what it was in dra		DR input signal. This
the fourth-order Bes	P 299 Vital Technica Comment Status X nent would benefit greatly with iel-Thomson response " -or- "tra rongly interpreted as supporting	the addition of a cacking the filter re	esponse" text. The		e text from has the larg		or tap 2 has the largest mag initude tap coefficient' <i>Response Status</i> O	gnitude tap coef	ficient' to 'Tap 1, tap 2 oi

SuggestedRemedy

..fourth-order Bessel-Thomson filter with a bandwidth of approximately 13.28125 GHz tracking the filter response to at least 1.5 * 26.5625 GHz and at frequencies above 1.5 * 26.5625 GHz.

Proposed Response Response Status **0**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn SORT ORDER: Clause, Subclause, page, line

C/ 140 SC 140.7.5.1 Page 5 of 5 8/31/2018 1:49:02 PM